

Date: Wed, 17 Aug 94 04:30:35 PDT
From: Ham-Homebrew Mailing List and Newsgroup <ham-homebrew@ucsd.edu>
Errors-To: Ham-Homebrew-Errors@UCSD.Edu
Reply-To: Ham-Homebrew@UCSD.Edu
Precedence: Bulk
Subject: Ham-Homebrew Digest V94 #241
To: Ham-Homebrew

Ham-Homebrew Digest Wed, 17 Aug 94 Volume 94 : Issue 241

Today's Topics:

 Current Capacity?
 HELP: Providing power by induction??
 Please a beginner!

Send Replies or notes for publication to: <Ham-Homebrew@UCSD.Edu>
Send subscription requests to: <Ham-Homebrew-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Homebrew Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-homebrew".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 16 Aug 1994 18:16:53 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!
newsrelay.iastate.edu!news.iastate.edu!kenman@network.ucsd.edu
Subject: Current Capacity?
To: ham-homebrew@ucsd.edu

Could someone please email the current capacity of 24 AWG copper wire
(stranded). It will be used at 13.8V.

I've looked all over and can't find it. Is there a data book that has
information for "small" circuit components?

Thank you, Ken

--

Ken Anderson NOZEM PH: 515.294.8996 Kenman@iastate.edu
126 Soil Tilth Bldg. NOZEM@KIOQ.#CIA.IA.USA.NA

Iowa State University, Ames, Iowa 50011

Date: Tue, 16 Aug 1994 16:50:08 GMT
From: netcomsv!netcom.com!nagle@decwrl.dec.com
Subject: HELP: Providing power by induction??
To: ham-homebrew@ucsd.edu

u1066579@csdvax.csd.unsw.edu.au writes:

> I am interested in how I can supply power to a circuit without the need
>for any physical contacts. I thought that I could have two coils. One would
>be connected to an AC source (the transmitting coil), the other coil (the
>receiving coil) would be connected to my circuit. I would then have a bridge
>rectifier on the output from the "receiving coil" to provide DC for the
>circuit.
>Can someone tell me if this is practical? How should I go about constructing
>the coils? Are there any references anyone know of on "wireless" power
>supplies?

This is a common way to get power across a short distance.
Applications include recharging pacemakers, recharging electric buses,
and recharging electric cars. The basic idea is to build a split
transformer.

What distance did you have in mind?

John Nagle

Date: 16 Aug 1994 16:04:51 GMT
From: ihnp4.ucsd.edu!news.cerf.net!gopher.sdsc.edu!nic-nac.CSU.net!
charnel.ecst.csuchico.edu!olivea!news.bu.edu!gulu@network.ucsd.edu
Subject: Please a beginner!
To: ham-homebrew@ucsd.edu

Hi,

I have been interested in the concept of ham radio for a while now
but have not done anything about it except buy a book(and tape) that helps me
learn the morse code. But I am interested in the following things:

- 1) Getting a ham radio license.
- 2) Making (from a kit, perhaps) a radio transmitter capable of
transmitting relatively long distance (a few thousand miles).

I have never even soldered a wire to a board. So, I have the

following questions:

Is it feasible for me to attempt #2 above?

How much is it likely to cost?

What should I expect to pay for similar equipment if I BUY it outright?

Are there any pitfalls I am overlooking in attempting to build an amateur station rather than buying it? In other words what are the pros and cons for a beginner?

I don't know if this is the appropriate news group for this particular question, but what is the procedure that I need to follow for getting the novice (?) license? I do have this book but it is kind of old.

Well, thanks in advance for all your advice and help.
I would appreciate email responses to : gulu@engpub1.bu.edu

Gulu.

Date: Sun, 14 Aug 1994 15:03:35 -0500
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!spool.mu.edu!news.clark.edu!
netnews.nwnet.net!raven.alaska.edu!news.acns.nwu.edu!ftpbox!mothost!schbbs!
fl08ara003.comm.mot.com@ihnp4.ucsd.edu
To: ham-homebrew@ucsd.edu

References <32audi\$iq7@dawn.mmm.com>, <32fq91\$866@ohlone.kn.PacBell.COM>,
<32fv7j\$hhu@dawn.mmm.com>du
Subject : Re: IC-751A HF Transceiver

In article <32fv7j\$hhu@dawn.mmm.com>, tahir@tcdsp1.mmm.com ("Tahir Kayani") wrote:

> By the looks of it, it appears to have sat in some water. There is
considerable
> damage. There are some parts that I can't even identify.

A friend of mine had a similar experience with a HW-101 which was sitting in a garage in Florida for many years. It was full of dirt and cobwebs. He took all the tubes out and put it in a dishwasher and washed it then rinsed several times. After drying, he replaced all the tubes, cleaned the volume control, etc and the unit fired right up. Don't know if this will work for you, but it did for WB4ZZB.

Steve
still waiting to see if the FCC will renew my tag, WB4CZR

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The opinion expressed above is so ridiculous that it had to have come from Steve and no one else.

End of Ham-Homebrew Digest V94 #241
